Accton
Making Partnership Work

VM1188T
802.11b/g VoWifi Phone

The VoWiFI phone VM1188T is designed for users who need mobility of WiFI and the cost saving of VoIP. The VM1188T is intended to help users make SIP calls without the hassle of turning on your computer. The compact and elegant design of VM1188T allows users to make VoIP calls at work, home, and on campus with POTS like voice quality

The modulation of VM1188T is based on the WiFi standard; it is compatible with almost all standard 802.11b/g access points. With the VM1188T, users can access to both PSTN and SIP networks as long as there is a trunking gateway available at the CO side. With the easy startup, users don't have to remember the SSID or security key of each AP, the VM1188T stores these configurations and will connect to the access points automatically when boot up. Paired up with the cradle access point CAP2316A, users can enjoy the benefit of interference free wireless environment through the implementation of MSSID.

With Accton's VM1188T, users can enjoy the benefit of cost reduction with SIP, mobility with 802.11b/g WLAN, and hassle free installation with easy startup. The VM1188T is pact with user friendly features all in a single device.

The VM1188T VoWiFi phone is compliant with IEEE 802.11b/g wireless standard, and supports SIP for voice applications. VM1188T allows users to make or receive VoIP phone calls as long as users are in the coverage of wireless LAN. Users can enjoy the convenience of wireless mobility and the cost savings of VoIP without powering on the PC.

Features and Benefits

Open Standard SIP v2 Support

The call control protocol of the VM1188T is based on SIP v2 (Session Initiation Protocol version 2, RFC 3261) open standard, which is interoperable with major SIP-based call servers, IP-PBXs, and other standard SIP-based client devices.

Enhanced Power Saving Design for Extended Standby and Talk Time

With an improved power-saving design, the VM1188T can be used for a relatively long period of standby and talk time. With an extended life for each recharge cycle, the VM1188T is available where and when you need it.

Industry-standard 802.11b/g Network Compatibility

The VM1188T allows customers to achieve cost-saving efficiency with convergence of voice and data over a single wireless network. With the support of 802.11g and backward compatible with 802.11b, the VM1188T will not slow down network throughput while running in a pure 802.11g wireless environment

Exceptional Voice Quality

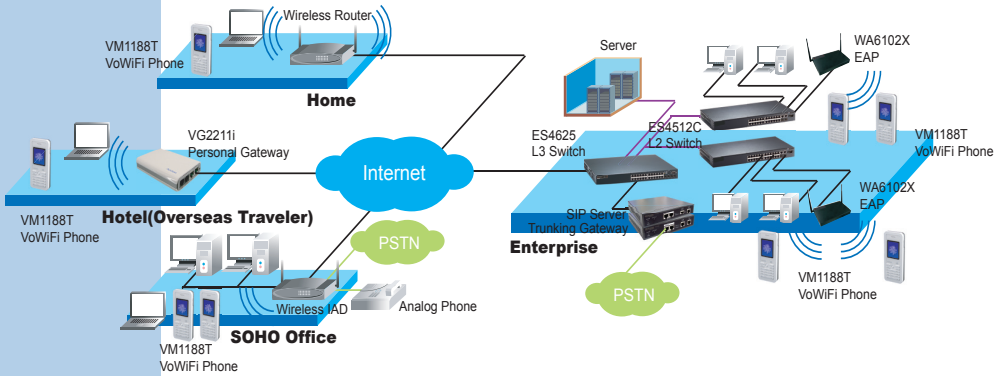
The QoS function of VM1188T will maintain exceptional quality in a shared wireless voice and data network by prioritizing voice to have higher priority then data packets. The WMM(802.11e) provides optimum Quality of Service (QoS) by delivering real time application packet with higher priority. The WMM will recognize the Types of Service (TOS) field of the IP frame to assign the priority for the IP frames. The QoS function of VM1188T will also look up 802.1p tag when VLAN is enabled. By providing preference to voice packets over data packets on the wireless LAN, this prioritization of packets helps increase the probability that all voice packets will be transmitted efficiently.

Advanced Security

The VM1188T will support WiFi Protected Access (WPA) and WPA2 with pre-shared keys (PSK). WPA supports TKIP while WPA2, supports AES encryption. WPA, and WPA2 address some of the security risks inherent in the legacy Wired Equivalent Privacy (WEP) protocol. Specifically, they provide stronger authentication and encryption than WEP.

Roaming between APs

The VM1188T supports 802.11f Inter Access Point Protocol (IAPP) to provide STAs with constant IP-connectivity when users moving around in the environment of multi access points. The VM1188T uses L2 Mobility to allow Stations to roam between APs inside their Home IP Network.



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Specifications

Voice Codec Features
- G.711 a-law
- G.711 u-law
- G.726
- G.729A/B

Voice Process Features
- CPT
- DTMF Tones in RTP
- VAD
- CNG
- Jitter Buffer Control
- G.167 AEC
- G.168 LEC
- AGC

Call Features
- Call Waiting
- Dial from Call History
- Dial from Contacts
- Speed Dial
- Conference call
- Call Forwarding
- Call Hold
- Missed Call Indication
- Call Transfer

Phone Feature
- Caller ID
- Call History (Call Log)
- Local Phone Book
- Key Lock
- Emergency Call under Key Lock
- Local Contacts
- Audible Button
- Multiple Ring Tones
- Vibration
- Ringer Volume Control
- Speaker Phone
- Battery, WiFi Signal Indicator

Application Features
- Clock Alarm
- Calculator

Management Features
- WEB Management
- Firmware Upgrade (Through Network Upgrade)

Physical/connectors
- 1 x 802.11b/g Wireless interface
- 1 x Mini USB connector

Wireless
- IEEE802.11b/g support
- IEEE802.11f IAPP
- Frequency 2.4-2.497GHz
- Channel:
  - FCC 1~11
  - ETSI 1~13
  - Japan 1~14
- Data Rates: 54, 48, 36, 24, 18, 11.5, 5.5, 2, 1 Mbps

Antenna
- Omni Directional
- 2.4~2.497 GHz
- 2.5dBi

Security
- WEP(64/128-bit encryption)
- WPA
- WPA2

Dimension
- (H x W x D): 115mm x 49.5mm x 19mm

Power Supply/Power adapter
- Use Time: 4 hrs(continuous)
- Standby Time: 80 hrs
- VM1188T used an AC adapter that can supply DC voltage

Environment Requirement
- Temperature: IEC 68-2-14
  - -10 to +50 degrees C (Standard Operating)
  - -40 to +70 degree C (Non-operation)
- Humidity: 5% to 95% (Noncondensing)
- Vibration: IEC 68-2-36, IEC 68-2-6
- Shock: IEC 68-2-29
- Drop: IEC 68-2-32

Industry Standards Support
- IEEE802.11b/g
- IEEE802.11e
- IEEE802.11f
- RFC 3261 SIP v2
- RFC1889/1890 RTP
- WEP/WPA/WPA2

Emissions/Agency Approval/Safety
- Safety: UL/cUL (UL60950), CB EN60950, PSE
- EMC: FCC Part 15B Class B, FCC Part 15C, FCC Part 68, CE EN55022 Class B, VCCI
- EMS: CE EN55024, CE EN300328, CE EN301489

Contents of Package
- VM1188T
- AC Adaptor
- Management guide(CD)
- Installation guide(Hard Copy)

Optional Accessories
- Cradle charger
- CAP2316A Cradle Access Point

Ordering Information
- Model No.: VM1188T
- Part number: FCP381188001E

* Specifications might change without notice

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